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MONTANA OIL AND GAS
STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION

SECURITIES BLDG.

HELENA, MONTANA

VOL. VII, No. 6 McKee Print. June, 1959

Production of crude oil and condensate from the oil and gas areas of Montana for the month of June, 1959, averaged 82,311 barrels daily, an increase of 5,019 barrels from the average May production of 77,292.

The nine refineries in the State processed 76,362 barrels of crude oil daily for the month of June, 1959, an increase of 23,465 barrels daily from the 52,897 barrels processed daily during the month of May, 1959.

During June, 35 wells were completed, 20 oil, 1 gas well and 14 dry holes.

During June, the Commission issued 37 permits to drill new wells, an increase of 5 from the 32 permits issued during May.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING STORAGE, ETC., IN MONTANA

MONTH OF JUNE, 1959

IN STORAGE JUNE 1st:	
By Producers	390,722
By Transporters	622,966
By Refiners	824,434
TOTAL STORAGE	1,838,122
Produced in Montana During Month	2,469,330
Imported During Month	1,623,913
TOTALS	5,931,365
DISPOSITION:	
Refined in Montana	2,290,896
Exported	1,817,889
Used for Fuel or Lost	6,418
TOTAL	4,115,203
IN STORAGE JUNE 30th:	
By Producers	376,081
By Transporters	627,475
By Refiners	812,606
TOTAL STORAGE	1,816,162

NATURAL GAS WITHDRAWALS IN MONTANA

Month of June, 1959

Field	M Cu. FT.
Bears Den	12,316
Big Coulee	41,250
Bowdoin	41,018
Bowes	18,651
Box Elder	0
Cabin Creek	80,557
Cedar Creek	151,899
Clarks Fork	62,583
Cut Bank (Including Reagan)	492,263
Devon	16,636
Dry Creek	82,769
Elk Basin	29,149
Flat Coulee	6,644
Golden Dome	1,945
Hardin	3,901
Keith Block	3,060
Kevin Sunburst	21,275
Pine	79,226
Plevna	16,498
Utopia	109,487
Whitlash	21,332
Miscellaneous	84,727
TOTAL	1,377,186

Total Withdrawals for June, 1958 were 1,380,554 M Cu. Ft.

PRODUCER'S REPORT
MONTH OF JUNE, 1959

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	1,240	2,651	.....	2,661	.....	1,230
4	Bannatyne	9	2,320	3,057	.....	2,729	.....	2,648
....	Belfry	....	45	.....	.....	.....	.....	45
9	Big Wall	22	6,033	17,126	.....	19,098	187	3,874
10	Blackfoot	14	2,949	10,300	.....	9,065	.....	4,184
3	Border	3	.....	754	.....	754	.....	.....
20	Bowes	84	4,554	27,504	27,292	.....	.....	4,766
1	Bredette	1	1,517	586	806	.....	.....	1,297
4	North Bredette	4	4,188	12,631	13,103	.....	.....	3,716
2	Brorson	2	2,112	3,944	3,811	.....	.....	2,245
....	Bynum	....	255	.....	.....	.....	.....	255
2	Cabin Creek	93	8,341	357,361	358,159	.....	455	7,088
31	Cat Creek	90	5,303	12,546	8,837	3,780	.....	5,232
1	Clark's Fork	1	855	233	.....	.....	.....	1,088
3	Clark's Fork North	4	1,821	18,663	.....	18,895	.....	1,589
2	Cupton	2	362	1,312	479	.....	.....	1,195
355	Cut Bank	1,141	132,836	163,734	171,070	.....	58	125,442
3	Deer Creek	6	2,062	22,988	22,658	.....	.....	2,392
4	Delphia	4	1,261	4,537	.....	4,740	41	1,017
....	Devil's Basin	....	1,196	.....	.....	.....	.....	1,196
5	Dry Creek	6	954	4,895	4,410	.....	.....	1,439
20	Elk Basin	58	9,249	351,492	354,164	.....	.....	6,577
1	Fertile Prairie	2	967	815	736	.....	.....	1,046
2	Frannie	2	1,067	2,326	2,507	.....	.....	886
2	Gage	2	1,412	1,628	.....	1,927	139	974
4	Gas City	12	5,795	14,994	17,143	.....	.....	3,646
6	Glendive	12	5,079	37,390	37,422	.....	.....	5,047
2	Gypsy Basin	3	1,088	503	.....	368	.....	1,223
2	Hawk Creek	2	404	519	.....	.....	.....	923
5	Ivanhoe	13	5,280	19,436	.....	20,631	.....	4,085
194	Kevin-Sunburst	1,392	17,476	70,022	69,953	.....	.....	17,545
....	Lake Basin	....	.....	.....	.....	.....	.....	.....
2	Line Coulee	2	1,692	895	976	.....	.....	1,611
1	Little Beaver	7	3,294	17,624	18,577	.....	.....	2,341
5	East Little Beaver	6	2,393	6,031	6,590	.....	.....	1,834
5	Melstone	9	3,133	7,427	.....	8,589	.....	1,971
2	Monarch	2	1,810	10,880	11,098	.....	.....	1,592
3	Mosser	5	421	488	.....	455	.....	454
10	Outlook Area	14	12,755	58,809	58,248	.....	.....	13,316
10	Pennel	21	9,327	42,899	45,489	.....	.....	6,737
6	Pine	136	16,184	391,877	390,244	.....	.....	17,817
77	Pondera	327	9,368	41,303	41,076	.....	.....	9,595
10	East Poplar	99	20,619	306,837	304,404	.....	.....	23,052
3	Northwest Poplar	4	1,190	2,451	2,045	.....	.....	1,596
4	Ragged Point	9	4,616	11,558	.....	13,243	.....	2,931
....	Rattlesnake Butte	....	116	.....	.....	.....	.....	116
4	Reagan	44	2,018	15,356	15,148	.....	.....	2,226
6	Red Creek	13	2,546	14,614	.....	12,718	.....	4,442
1	Redstone	1	118	560	.....	.....	.....	678
1	Repeat	1	897	3,183	3,641	.....	.....	439
6	Richey	11	5,041	16,933	16,701	.....	573	4,700
2	Sand Creek	2	682	14,141	12,826	.....	92	1,905
2	Snyder	4	1,300	2,247	.....	2,965	.....	582
3	Soap Creek	12	2,484	4,436	.....	4,009	.....	2,911
1	Southwest Richey	2	1,051	3,013	2,516	.....	.....	1,548
4	Stensvad	12	10,199	72,311	62,259	8,484	77	11,690
23	Sumatra	77	19,937	182,148	179,472	4,096	80	18,437
4	Sweetgrass Hills	4	847	563	.....	541	.....	869
5	Whitlash	33	17,323	2,223	1,433	1,407	.....	16,706
5	Wills Creek	10	4,500	31,382	32,362	.....	.....	3,520
9	Wolf Springs	19	5,093	40,932	41,206	.....	.....	4,819
2	Woodrow	2	1,096	2,262	2,253	.....	.....	1,105
....	Yellowstone	....	651	.....	.....	.....	.....	651
914		3,876	390,722	2,469,330	2,341,114	141,155	1,702	376,031

Total Oil Produced and Shipped From Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1958	27,958,649	76,593	27,878,576	76,379
First Quarter, 1959	7,287,446	80,971	7,258,943	80,654
April, 1959	2,396,728	79,890	2,390,597	79,686
May, 1959	2,396,063	77,292	2,372,955	76,546
June, 1959	2,469,330	82,311	2,482,269	82,742

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1958	342,798	707,901	518,033	1,568,732
March, 1959	368,699	661,262	562,586	1,592,547
April, 1959	371,931	635,348	826,673	1,833,952
May, 1959	390,722	622,966	824,434	1,838,122
June, 1959	376,081	627,475	812,606	1,816,162

*Includes Wyoming Oil

TRANSPORTERS REPORT

MONTH OF JUNE, 1959

	Storage First Of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,661				2,661		
BANNATYNE—Truck			2,729			2,729			
BIG WALL—Truck			19,098				19,098		
BLACKFOOT—Union Oil Co.			9,065			9,065			
BORDER—Truck			754			754			
BOWES—									
Trigood Oil Co.	2,830	3,893			(80)	3,967			2,886
The Texas Co.		23,399				23,399			
	2,830	27,292			(80)	27,366			2,886
BRORSON—Sun Oil Company		3,811					3,811		
CABIN CREEK & OTHERS*—									
Butte Pipe Line Co.	285,545	837,889		533,269			1,350,425		306,278
Shell Pipe Line Corp.	2,272	97,539			(150)			97,832	2,129
	287,817	935,428		533,269	(150)		1,350,425	97,832	308,407
CAT CREEK—									
Continental Pipe Line Co.	4,726	8,837			27	9,034			4,502
Wm. Hanlon			3,780			3,780			
	4,726	8,837	3,780		27	12,814			4,502
CLARK'S FORK—Truck			18,895				18,895		
CUT BANK—									
Big West Oil Co.		1,416		37,296		38,712			
Darling Gathering System, Inc.	3,716	3,122						5,500	1,338
Phillips Petroleum Co.	33,674	48,573		17,030	391	46,899		10,631	41,406
Texas Pipe Line Co.	30,476	32,312		16,851	2,113	18,037		30,920	36,569
Toronto Pipe Line Co.	25,448	43,104			(52)			41,318	27,286
Union Oil Co.	121,666	45,574		25,956	389	75,872			116,935
	222,980	174,101		97,183	2,841	179,520		88,369	223,534
DELPHIA—Truck			4,740			4,740			
DRY CREEK—Ohio Oil Co.	9,054	4,410			11	3,301			10,152
ELK BASIN—Ohio Oil Co.		354,164					354,164		
FRANNIE—Ohio Oil Co.		2,507					2,507		
GAGE—Truck			1,927			1,927			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
The Texas Pipe Line Co.	8,189	74,151			305		20,761	55,651	5,623
GYPSY BASIN—Truck			368			368			
IVANHOE—Truck			20,631			1,270	19,361		
KEVIN-SUNBURST—									
Big West Oil Co.	2,147	47,204				47,185			2,166
Homestake Oil & Gas Co.	1,032	4,510		5,500				10,139	903
The Texas Pipe Line Co.	4,082	29,829			(80)	29,914			4,077
	7,261	81,543		5,500	(80)	77,099		10,139	7,146
MELSTONE—Truck			8,589			8,589			
MOSSER—Truck			455				455		
PONDERA—Phillips Petr. Co.	27,691	44,187			197	52,652			18,429
POPLAR, BREDETTE, OUTLOOK, LINE COULEE, REDSTONE & RICHEY—									
East Poplar Gathering System	9,514	385,515			1,387			384,128†	9,514
RAGGED POINT—Truck			13,243			13,243			
REAGAN—Union Oil Co.		15,148				15,148			
RED CREEK—Truck			12,718			6,257	6,461		
SNYDER—Truck			2,965				2,965		
SOAP CREEK—Truck			4,009			4,009			
STENSVAD—Truck			8,484				8,484		
SUMATRA & STENSVAD —									
Powder River Pipe Line Inc.	25,777	241,731			(736)	242,794	3,745		21,705
Truck			4,096				4,096		
	25,777	241,731	4,096		(736)	242,794	7,841		21,705
SWEETGRASS HILLS—Truck			541			541			
WHITLASH—									
Homestake Oil & Gas Co.				1,816		1,816			
Western Natural Gas Co.	1,837	1,433						1,649	1,621
Truck			1,407			1,407			
	1,837	1,433	1,407	1,816		3,223		1,649	1,621
WOLF SPRINGS—									
Powder River Pipe Line Co.	15,840	41,187			111	42,960			13,956
TOTALS	622,966	2,395,445	141,155	637,768	3,833	710,369	1,817,889	637,768	627,475

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields.

†Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF JUNE, 1959

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phillips Petr. Co.	Texas Calgary Co.	Union Oil Co.	Total by Fields
Blackfoot	.....	.....	.....	.....	.....	.....	.....	.....	5,674	5,674
Border	571	.....	.....	.....	.....	.....	.....	.....	.....	571
Bowes	.....	.....	.....	20,500	.....	.....	.....	.....	.....	20,500
Cat Creek	.....	.....	6,708	.....	2,668	6,270	.....	.....	.....	15,646
Clark's Fork	.....	.....	.....	.....	324	.....	.....	.....	.....	324
Cut Bank	11,056	.....	.....	.....	.....	.....	46,765	.....	77,501	135,322
Delphia	.....	.....	.....	.....	.....	4,665	.....	.....	.....	4,665
Dry Creek	.....	.....	.....	.....	3,651	.....	.....	.....	.....	3,651
Elk Basin	.....	174,034	77,143	.....	.....	.....	.....	.....	.....	251,177
Gage	.....	.....	.....	.....	523	1,944	.....	.....	.....	2,467
Ivanhoe	.....	.....	.....	.....	.....	5,562	.....	.....	.....	5,562
Kevin-Sunburst	62,139	.....	.....	.....	.....	.....	.....	.....	.....	62,139
Melstone	.....	.....	.....	.....	15,550	.....	.....	.....	.....	15,550
Pondera	.....	.....	.....	.....	.....	.....	53,240	.....	.....	53,240
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	15,148	15,148
Red Creek	.....	10,443	.....	.....	.....	.....	.....	.....	.....	10,443
Soap Creek	.....	.....	.....	.....	.....	.....	.....	4,062	.....	4,062
Sumatra	.....	234,066	.....	.....	114,818	.....	.....	.....	.....	348,884
Sweetgrass Hills	541	.....	.....	.....	.....	.....	.....	.....	.....	541
Whitlash	.....	.....	.....	.....	.....	.....	.....	.....	1,235	1,235
Wolf Springs	.....	44,683	.....	.....	.....	.....	.....	.....	.....	44,683
Total Montana Oil	74,307	463,226	83,851	20,500	137,534	18,441	100,005	4,062	99,558	1,001,484
Canadian Oil Imported	.....	.....	.....	.....	.....	.....	.....	.....	459	459
Wyoming Oil Imported	.....	636,241	193,604	.....	459,108	.....	.....	.....	.....	1,288,953
TOTAL Montana, Canadian and Wyoming Oil	74,307	1,099,467	277,455	20,500	596,642	18,441	100.005	4,062	100,017	2,290,896

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1958	25,108	32	38,599	63,739
June, 1958	31,043	....	42,316	73,359
June, 1959	33,382	15	42,965	76,362

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1958	39.39%	.05%	60.56%
June, 1958	42.32%	....	57.68%
June, 1959	43.71%	.02%	56.27%